



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Taka-Aki Sato

Serial No. : 09/327,750

Examiner: J. E. Goldberg

Filed : June 7, 1999

Group Art Unit: 1634

For : GENE ENCODING NADE, P75^{NTR}-ASSOCIATED CELL DEATH
EXECUTOR AND USES THEREOF

1185 Avenue of the Americas
New York, NY 10036
November 27, 2002

Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sir:

STATEMENT IN ACCORDANCE WITH 37 C.F.R. §1.821(f)

In accordance with 37 C.F.R. §1.821(f), I hereby certify that the substitute computer readable form containing the nucleic acid and/or amino acid sequences required by 37 C.F.R. §1.821(f) and submitted in connection with the above-identified application, has the same information as the paper copy of the substitute Sequence Listing submitted herewith as **Exhibit B** to the Amendment, and that the substitute Sequence Listing does not introduce new matter.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and beliefs are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Aude Gerspacher
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, NY 10036
(212)278-0400



SEQUENCE LISTING

<110> Sato, Taka-Aki

<120> GENE ENCODING NADE, P75^{NTR}-ASSOCIATED CELL DEATH EXECUTOR AND USES THEREOF

<130> 0575/59131

<140> 09/327,750

<141> 1999-06-07

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<170> PatentIn version 3.1

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 20 25 30

Ala Gly Asn Asn Asn Asn Asn His Asn His Asn His Asn His His
 35 40 45

Arg Arg Gly Gln Ala Arg Arg Leu Ala Pro Asn Phe Arg Trp Ala Ile
 50 55 60

Pro Asn Arg Gln Met Asn Asp Gly Leu Gly Gly Asp Gly Asp Asp Met
 65 70 75 80

Glu Met Phe Met Glu Glu Met Arg Glu Ile Arg Arg Lys Leu Arg Glu
 85 90 95

Leu Gln Leu Arg Asn Cys Leu Arg Ile Leu Met Gly Glu Leu Ser Asn
 100 105 110

His His Asp His His Asp Glu Phe Cys Leu Met Pro
 115 120

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20 25 30

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35 40 45

Trp Ala Ile Pro Asn Arg Gln Ile Asn Asp Gly Met Gly Gly Asp Gly
50 55 60

Asp Asp Met Glu Ile Phe Met Glu Glu Met Arg Glu Ile Arg Arg Lys
65 70 75 80

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85 90 95

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 accataacca caaccaccac cgaagaggcc aggctcgccg acttgcccct aacttccgat 360
 gggccattcc caacaggcag atgaatgacg ggttggttgg agatggagat gatatggaaa 420
 tgttcatgga ggagatgaga gagatccgga gaaagcttag ggagctacag ctgagaaatt 480
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Arg Glu Pro Ala Val Ala Leu Ile Ser Glu Ala Gly Lys Asn Cys Ala
 35 40 45

Pro Arg Gly Gly Arg Arg Arg Phe Arg Val Arg Gln Pro Ile Ala His
 50 55 60

Tyr Arg Trp Asp Leu Met Gln Arg Val Gly Glu Pro Gln Gly Arg Met
 65 70 75 80

Arg Glu Glu Asn Val Gln Arg Phe Gly Gly Asp Val Arg Gln Leu Met
 85 90 95

Glu Lys Leu Arg Glu Arg Gln Leu Ser His Ser Leu Arg Ala Val Ser
 100 105 110

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<210> 31
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35 40 45

Pro Arg Gly Asn Arg Arg Arg Phe Arg Val Arg Gln Pro Ile Leu Gln
50 55 60

Tyr Arg Trp Asp Ile Met His Arg Leu Gly Glu Pro Gln Ala Arg Met
65 70 75 80

Arg Glu Glu Asn Met Glu Arg Ile Gly Glu Glu Val Arg Gln Leu Met
85 90 95

Glu Lys Leu Arg Glu Lys Gln Leu Ser His Ser Leu Arg Ala Val Ser
100 105 110

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35 40 45

Asn Arg Arg Arg Phe Pro Val Arg Gln Pro Ile Leu Gln Tyr Arg Trp
50 55 60

Asp Ile Met His Arg Leu Gly Glu Pro Gln Ala Arg Met Arg Glu Glu
65 70 75 80

Asn Met Glu Arg Ile Gly Glu Glu Val Arg Gln Leu Met Glu Lys Leu
85 90 95

Arg Glu Lys Gln Leu Ser His Ser Leu Arg Ala Val Ser Thr Asp Pro
100 105 110

Pro His His Asp His His Asp Glu Phe Cys Leu Met Pro
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<400> 33

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His Gln Lys Lys Glu Glu Lys Glu Glu Lys Pro Gln Asp Thr Ile Lys
20 25 30

Arg Glu Pro Val Val Ala Pro Thr Phe Glu Ala Gly Lys Asn Cys Ala
35 40 45

Pro Arg Gly Gly Arg Arg Arg Phe Arg Val Arg Gln Pro Ile Ser His
50 55 60

Tyr Arg Trp Asp Leu Met His Arg Val Gly Glu Pro Gln Gly Arg Met
65 70 75 80

Arg Glu Glu Asn Val Gln Arg Phe Gly Glu Asp Met Arg Gln Leu Met
85 90 95

Glu Lys Leu Arg Glu Arg Gln Leu Ser His Ser Leu Arg Ala Val Ser
100 105 110

Thr Asp Pro Pro His His Asp His His Asp Glu Phe Cys Leu Met Pro
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20 25 30

Glu Ser His His Leu Glu Glu Val Glu Asn Lys Lys Pro Gly Gly Asn
35 40 45

Val Arg Arg Lys Val Arg Arg Leu Val Pro Asn Phe Leu Trp Ala Ile
50 55 60

Pro Asn Arg His Val Asp His Ser Glu Gly Gly Glu Glu Val Gly Arg
65 70 75 80

Phe Val Gly Gln Val Met Glu Ala Lys Arg Lys Ser Lys Glu Gln Gln
85 90 95

Met Arg Pro Tyr Thr Arg Phe Arg Thr Pro Glu Pro Asp Asn His Tyr
100 105 110

Asp Phe Cys Leu Ile Pro
115

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<400> 35

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Asp Lys Lys Asp Lys Arg Gly Gly Lys Ala Ser Lys Gln Ser Glu Glu
20 25 30

Glu Pro His His Leu Glu Glu Val Glu Asn Lys Lys Pro Gly Gly Asn
35 40 45

Val Arg Arg Lys Val Arg Arg Leu Val Pro Asn Phe Leu Trp Ala Ile
50 55 60

Pro Asn Arg His Val Asp Arg Asn Glu Gly Gly Glu Asp Val Gly Arg
65 70 75 80

Phe Val Val Gln Gly Thr Glu Val Lys Arg Lys Thr Thr Glu Gln Gln
85 90 95

Val Arg Pro Tyr Arg Arg Phe Arg Thr Pro Glu Pro Asp Asn His Tyr
100 105 110

Asp Phe Cys Leu Ile Pro
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20 25 30

Ala Gly Asn Arg Arg Gly Gln Ala Arg Arg Leu Ala Pro Asn Phe Arg
35 40 45

Trp Ala Ile Pro Asn Arg Gln Ile Asn Asp Gly Met Gly Gly Asp Gly
50 55 60

Asp Asp Met Glu Ile Phe Met Glu Glu Met Arg Glu Ile Arg Arg Lys
65 70 75 80

Leu Arg Glu Leu Gln Leu Arg Asn Cys Leu Arg Ile Leu Met Gly Glu
85 90 95

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100 105 110

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20 25 30

His Asn His Asn His Ser His Asn His Asn His His Arg Arg Gly Gln
 35 40 45

Ala Arg Arg Leu Ala Pro Asn Phe Arg Trp Ala Ile Pro Asn Arg Gln
 50 55 60

Met Asn Asp Gly Leu Gly Gly Asp Gly Asp Asp Met Glu Met Phe Met
 65 70 75 80

Glu Glu Met Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
 85 90 95

Asn Cys Leu Arg Ile Leu Met Gly Glu Leu Ser Asn His His Asp His
 100 105 110

His Asp Glu Phe Cys Leu Met Pro
 115 120

<210> 38
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<400> 38

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 20 25 30

His Asn His Asn His Ser His Asn His Asn His His Arg Arg Gly Gln
 35 40 45

Ala Arg Arg Leu Ala Pro Asn Phe Arg Trp Ala Ile Pro Asn Arg Gln
 50 55 60

Met Asn Asp Gly Leu Gly Gly Asp Gly Asp Asp Met Glu Met Phe Met
 65 70 75 80

Glu Glu Met Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
 85 90 95

Asn Cys Leu Arg Ile Leu Met Gly Glu Leu Ser Asn His His Asp His
 100 105 110

His Asp Glu Phe Cys Leu Met Pro
115 120

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20 25 30

Gly Asn Val Lys Gly Val Trp Ala Pro Pro Ala Pro Gly Phe Gly Gln
35 40 45

Asp Val Pro Asn Arg Leu Val Asp Asn Ile Asp Met Ile Asp Gly Asp
50 55 60

Gly Asp Asp Met Glu Arg Phe Met Glu Glu Met Arg Glu Leu Arg Arg
65 70 75 80

Lys Ile Arg Glu Leu Gln Leu Arg Tyr Ser Leu Arg Ile Leu Ile Gly
85 90 95

Asp Pro Pro His His Asp His His Asp Glu Phe Cys Leu Met Pro
100 105 110

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Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
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Arg Glu Ile Arg Arg Lys Leu Arg Glu Leu Gln Leu Arg
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<400> 43

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1 5 10

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<400> 45

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